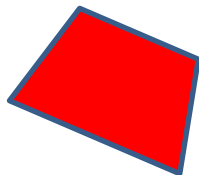
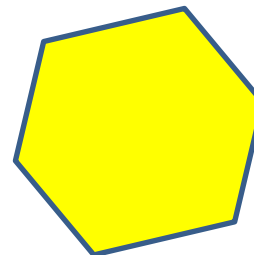




Free Fraction Center Task Cards With Pattern Blocks



Common Core Aligned

CCSS 3.NF.1
CCSS 4.NF.1, 4.NF.2, 4.NF.3
CCSS 5.NF.1

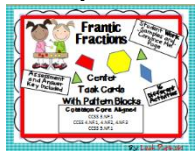
By Leah Popinski

Thank you for downloading these free pages from my Fraction Centers! These center activities will challenge and strengthen your students' understanding of fractions while still allowing for hands-on investigation and creativity. Students build fraction knowledge using the relationships between Pattern Blocks for halves, thirds, and sixths. I used these centers in my classroom as soon as I began my fraction unit. After working in the centers, students understood the meaning of equivalent fractions and could easily visualize adding and subtracting thirds, sixths, and halves as well as improper fractions and mixed numbers. When I directly taught these same concepts, even my struggling students clearly comprehended them while other students were extending and asking their own questions! Each activity may be completed in multiple ways which allows for differentiation

- In this free copy, there are challenge activities and a Convince Me page for writing about mathematical thinking.
- The activities are aligned to Common Core Standards 3.NF.1, 4.NF.1, 4.NF.2, 4.NF.3, and 5.NF.1
- Print the activities in color or choose gray scale print.
- The only materials necessary are: center activities, Pattern Blocks, math journal, pencil.

To complete each task card, students choose a task and complete the required design in at least one way. They trace their design in their math journal or onto the included triangle paper. Students write a "convince me" statement that explains how their design matches the challenge activity, and may then color the design to match the Pattern Blocks used.

If you like these free pages, please purchase the complete Frantic Fractions Task Cards set with 16 different tasks, student work samples, assessment, and answer key . Here is a link to the complete product.



Be the first to know about my sales, freebies, and new products:

- Look for the green star near the top of my store front page, or on the right hand column of this product listing. Clicking it makes you a follower! You will then receive customized e-mail updates on my new products. I offer my new products at half price for the first 24 hours! Be the first to see them!

Thanks so much!!!

-Leah

You can find more math resources in my store.

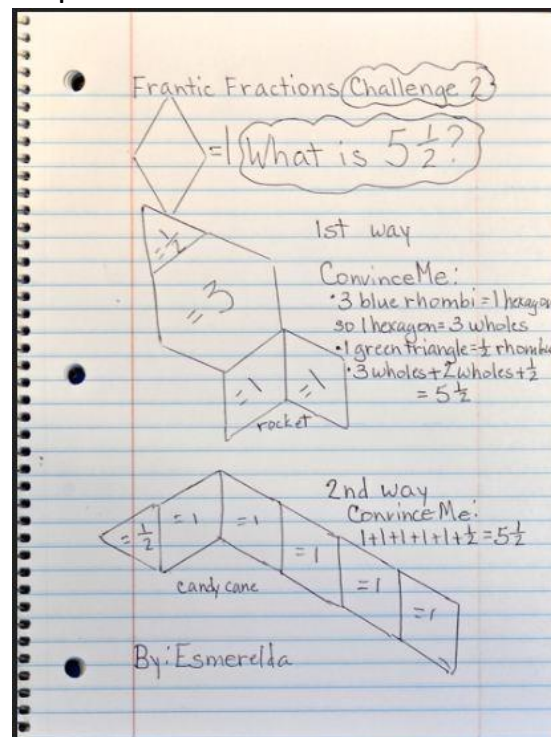
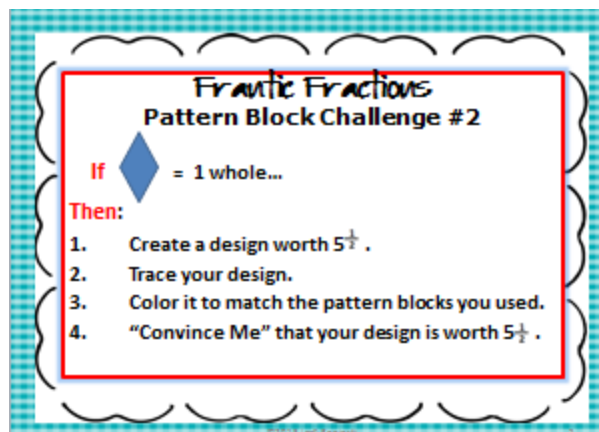


Have fun Mathing!!

Student Instructions:

- Use the pattern block shown to represent one whole.
- Using the other pattern blocks as fractional parts of that block, create a design equal to the amount given.
- Trace your design.
- Explain why you think your design is worth the given amount. Your explanation must “convince me” that you have found a correct solution.
- Extra: Name your design and color it to match the pattern blocks.

Here is an example from Esmerelda.

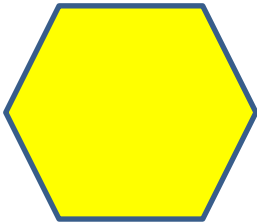


Esmerelda found two correct designs for Challenge #6. How many can you find?

Frantic Fractions

Pattern Block Challenge #1

If




= 1 whole...

Then:

1. Create a design worth $3\frac{1}{2}$.
2. Trace your design.
3. Color it to match the pattern blocks you used.
4. "Convince Me" that your design is worth $3\frac{1}{2}$.

Frantic Fractions

Pattern Block Challenge #2

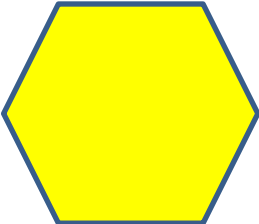
If  = 1 whole...

Then:

1. Create a design worth $5\frac{1}{2}$.
2. Trace your design.
3. Color it to match the pattern blocks you used.
4. "Convince Me" that your design is worth $5\frac{1}{2}$.

Frantic Fractions

Pattern Block Challenge #11

If  = 1 whole...

Then:

1. Create a design worth $\frac{11}{6}$.
2. Trace your design.
3. Color it to match the pattern blocks you used.
4. “Convince Me” that your design is worth $\frac{11}{6}$.

Convince Me Statements

Challenge # ____

Challenge # ____

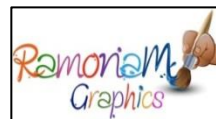
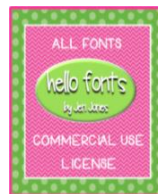
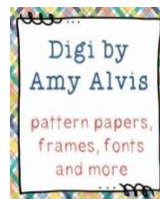
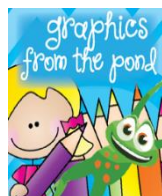
Challenge # ____

Challenge # ____

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Special thanks to these graphic and font artists!



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Thanks for purchasing my product!!!
-Leah